



LAHIVE  
&  
COCKFIELD  
LLP

COUNSELLORS AT LAW  
28 STATE STREET  
BOSTON, MASSACHUSETTS 02109-1784  
TELEPHONE (617) 227-7400  
FAX (617) 742-4214  
www.lahive.com

JOHN A. LAHIVE, JR. (1928-1997)  
THOMAS V. SMURZYNSKI  
GIULIO A. DeCONTI, JR.  
ELIZABETH A. HANLEY  
AMY BAKER MANDRAGOURAS  
ANTHONY A. LAURENTANO  
KEVIN J. CANNING  
JANE E. REMILLARD  
DeANN FORAN SMITH  
DEBRA J. MILASINCIC, Ph.D.  
WILLIAM A. SCOFIELD, JR.  
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LISA DIROCCO TYNER  
HATHAWAY P. RUSSELL \*  
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MERIDETH C. ARNOLD  
DANIELLE L. HERRITT  
EUIHOON LEE \*\*  
MANEESH GULATI  
CYNTHIA M. SOROOS  
PETER W. DINI, Ph.D.  
MICHAEL J. BASTIAN, Ph.D.  
CHRISTOPHER J. McKENNA  
VINCENT P. LOCCISANO  
JAMES M. McKENZIE

SENIOR COUNSEL  
JAMES E. COCKFIELD

OF COUNSEL  
JEREMIAH LYNCH  
JEANNE M. DIGIORGIO  
CYNTHIA L. KANIK, Ph.D.  
JOHN D. LANZA

PATENT AGENTS  
JONATHAN M. SPARKS, Ph.D.  
ANDRINA WILLIAMS ZINK  
CRISTIN E. HOWLEY, Ph.D.  
JILL ANN MELLO, Ph.D.  
CHRISTOPHER E. DRABIK

TECHNICAL SPECIALISTS  
CATHERINE M. BISHOP  
JACOB G. WEINTRAUB  
DEBORAH L. NAGLE, Ph.D.  
ANNE JACQUELINE WIZEMAN, Ph.D.  
BRIAN C. TRINQUE, Ph.D.  
CHRISTOPHER R. COWLES, Ph.D.  
JAMES H. VELEMA  
W. ELANA WANG  
CYNTHIA M. GILBERT

\* Admitted in TX only  
\*\* Admitted in CT only

November 26, 2004

MS Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

Re: U.S. Patent Application No.: 10/010,942  
For: *HUMANIZED ANTIBODIES THAT RECOGNIZE BETA AMYLOID  
PEPTIDE*  
Inventors: Basi, Guriq, *et al.*  
Filed: December 6, 2001  
Our Ref. No.: ELN-002

Dear Sir:

I enclose herewith for filing in the above-identified application the following:

1. Supplemental Information Disclosure Statement;
2. Form PTO SB/08B;
3. Copies of references cited in PTO Form PTO/SB/08A (223); and
4. A Return Postcard.

Please charge any necessary fees in connection with the enclosed statement to our  
Deposit Order Account No. 12-0080. For this purpose, a duplicate of this sheet is attached.

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United States Postal Service as first class mail in an envelope  
addressed to: MS Amendment, Commissioner for Patents, P.O.  
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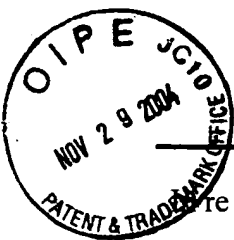
November 26, 2004  
Date

Debra J. Milasincic, Esq., Reg. No. 46,931

Respectfully submitted,  
LAHIVE & COCKFIELD, LLP

Debra J. Milasincic, Esq.  
Registration No. 46,931  
Attorney for Applicants

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE



Re the application of: Basi, Guriq, *et al.*

Serial No.: 10/010,942

Filed: December 6, 2001

For: *HUMANIZED ANTIBODIES THAT  
RECOGNIZE BETA AMYLOID PEPTIDE*

Attorney Docket No.: ELN-002

Group Art Unit: 1647

Examiner: Nichols, Christopher J.

MS Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

Certificate of First Class Mailing (37 CFR §1.8(a))

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November 26, 2004

Date of Signature and of Mail Deposit

By:

Debra J. Milasincic, Esq.

Registration No. 46,931

Attorney for Applicants

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Dear Sir:

Applicants and their Attorney are aware of the following additional publications, listed on the attached PTO Form SB/08, and in accordance with 37 CFR §1.97 hereby submit these publications for the Examiner's consideration. A copy of each cited publication is enclosed.

This statement is not to be interpreted as a representation that the cited publications are material, that an exhaustive search has been conducted, or that no other relevant information exists. Nor shall the citation of any publication herein be construed

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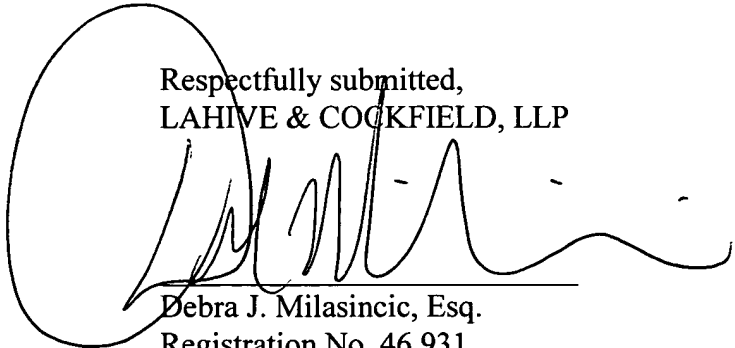
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*per se* as a representation that such publication is prior art. Moreover, the Applicants understand that the Examiner will make an independent evaluation of the cited publications.

In accordance with 37 CFR §1.97(c)(2) and §1.17(p), please charge the \$180.00 submission fee to our Deposit Order Account No. 12-0080. Please charge any necessary additional fees or credit any overpayments to our Deposit Order Account No. 12-0080.

Respectfully submitted,  
LAHIVE & COCKFIELD, LLP

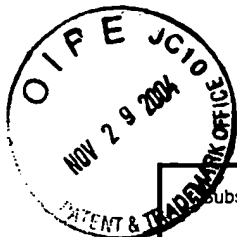
A large, stylized handwritten signature in black ink, appearing to read 'Debra J. Milasincic', is written over a horizontal line. The signature is enclosed within a large, hand-drawn oval.

Debra J. Milasincic, Esq.  
Registration No. 46,931  
Attorney for Applicants

28 State Street  
Boston, MA 02109  
(617) 227-7400

Date: November 26, 2004

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Enclosures



PTO/SB/08a/b (08-03)

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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)				<b>Complete if Known</b>	
				Application Number	10/010,942
				Filing Date	December 6, 2001
				First Named Inventor	Basi, Guriq
				Art Unit	1647
				Examiner Name	Christopher J. Nichols
Sheet	1	of	21	Attorney Docket Number	ELN-002

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
	306	6,417,178 B1	07-09-2002	Klunk, <i>et al.</i>	

FOREIGN PATENT DOCUMENTS						
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		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				
	324	WO 00/72870 A1	12-07-2000	Neuralab Ltd.		
	331	WO 99/06545	11-02-1999	Max Planck Gesellschaft		

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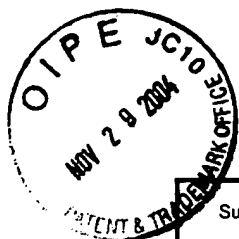
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	327	Cameron. "Recent Advances in Transgenic Technology," <i>Molecular Biotechnology</i> . 1997; 7:253-65.		
	328	Feldstein, <i>et al.</i> "Transgenic Rat and In-Vitro Studies of B-Amyloid Precursor Protein Processing." <i>Alzheimer's and Parkinson's Diseases</i> . 1995; Hanin, <i>et al.</i> Ed., pp 401-9, Plenum Press, New York.		
	329	Niemann. "Transgenic farm animals get off the ground." <i>Transgenic Research</i> . 1998; 7:73-5.		
	330	Sigmund. "Viewpoint: Are Studies in Genetically Altered Mice Out of Control." <i>Arterioscler Thromb Vasc Biol</i> . 2000; 20:1425-9.		
	332	Chen, <i>et al.</i> "Neurodegenerative Alzheimer-like pathology in PDAPP 717V→F transgenic mice." <i>Progress in Brain Research</i> . Van Leeuwen, <i>et al.</i> Eds, 1998; 117:327-37.		
	333	Conway, <i>et al.</i> "Acceleration of oligomerization, not fibrillization, is a shared property of both $\alpha$ -synuclein mutations linked to early-onset Parkinson's disease: Implications for pathogenesis and therapy." <i>PNAS</i> ., 2000; 97(2):571-6.		
	334	Jobling and Holmes, "Analysis of structure and function of the B subunit of cholera toxin by the use of site-directed mutagenesis." <i>Molecular Microbiology</i> . 1991; 5(7):1755-67.		

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				Filing Date	December 6, 2001
				First Named Inventor	Basi, Guriq
				Art Unit	1647
				Examiner Name	Christopher J. Nichols
Sheet	3	of	21	Attorney Docket Number	ELN-002

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		Number-Kind Code <sup>2</sup> (if known)			
	353	5,824,322	10-20-1998	Balasubramanian	
	356	5,622,701	04-22-1997	Berg	
	357	5,776,468 B1	07-07-1998	Hauser, <i>et al.</i>	
	358	5,583,112 B2	12-10-1996	Kensil, <i>et al.</i>	

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		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				
	348	WO 01/77167 A2	10-18-2001	Univ Tennessee Res Corp		
	351	WO 02/34878 A2	05-02-2002	Yeda Resrstvh & Development Co. Ltd.		
	352	WO 02/34777 A1	05-02-2002	Chiesi Farma SPA		

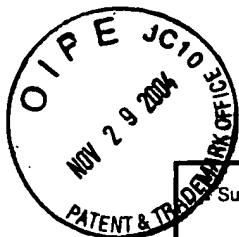
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	347	Jorbeck, <i>et al.</i> "Artificial <i>Salmonella</i> Vaccines: <i>Salmonella typhimurium</i> O-antigen-Specific Oligosaccharide-Protein Conjugates Elicit Opsonizing Antibodies that Enhance Phagocytosis." <i>Infection and Immunity</i> . 1981 May; 497-502.		
	349	Check. "Battle of the Mind." <i>Nature</i> . 2002 Mar; 422:370-2.		
	350	Nicoll, <i>et al.</i> "Neuropathology of human Alzheimer's disease after immunization with amyloid- $\beta$ peptide: a case report." <i>Nature Medicine</i> . 2003 Apr; 9(4):448-52.		
	354	Mutschler, <i>et al.</i> "Drug Actions: Basic Principles and Therapeutic Aspects." 1995; 7, 11-12, medpharm Scientific Publishers, Stuttgart, Germany.		
	355	Munson ed. "Principals of Pharmacology: Basic Concepts & Clinical Applications." 1995; 47-8, Chapman & Hall, New York, New York.		
	359	Munch, <i>et al.</i> "Potential neurotoxic inflammatory response to A $\beta$ vaccination in humans" <i>J. Neural Transm.</i> 2002; 109:1081-7.		

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PTO/SB/08a/b (08-03)

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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)		<b>Complete if Known</b>			
		Application Number	10/010,942		
		Filing Date	December 6, 2001		
		First Named Inventor	Basi, Guriq		
		Art Unit	1647		
		Examiner Name	Christopher J. Nichols		
Sheet	4	of	21	Attorney Docket Number	ELN-002

U.S. PATENT DOCUMENTS					
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		Number-Kind Code <sup>2</sup> (if known)			
	360	2003/0073655 A1	04-17-2003	Chain	
	362	2002/0094335 A1	07-18-2002	Chalifour, <i>et al.</i>	
	365	2002/0133001 A1	09-19-2002	Gefter, <i>et al.</i>	
	366	2002/0187157 A1	12-12-2002	Jensen, <i>et al.</i>	
	370	2003/0068325 A1	04-10-2003	Wang	

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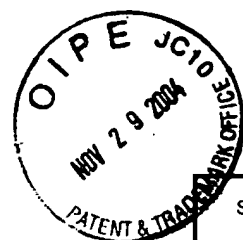
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	361	Su, <i>et al.</i> "Intravascular infusions of soluble $\beta$ -amyloid compromise the blood-brain barrier, activate CNS Glial cells and induce peripheral hemorrhage." <i>Brain Research</i> . 1999; 818:105-7.		
	363	Dodart. "Immunotherapy for Alzheimer's disease: will vaccination work?" <i>Trends in Molecular Medicine</i> . 2003; 9(3):85-7.		
	364	Furlan, <i>et al.</i> "Vaccination with amyloid- $\beta$ peptide induces autoimmune encephalomyelitis in C57/BL6 mice." <i>Brain</i> . 2003; 126:285-91.		
	367	Monsonogo, <i>et al.</i> "Immune hyporesponsiveness to amyloid $\beta$ -peptide in amyloid precursor protein transgenic mice: Implications for the pathogenesis and treatment of Alzheimer's disease." <i>PNAS</i> . 2001; 98(18):10273-8.		
	368	Sipe. "Amyloidosis." <i>Annu. Rev. Biochem.</i> 1992; 61:947-75.		
	369	Spooner, <i>et al.</i> "The generation and characterization of potentially therapeutic A $\beta$ antibodies in mice: differences according to strain and immunization protocol." <i>Vaccine</i> . 2002; 21:290-7.		

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	373	5,721,130	02-24-1998	Seubert, <i>et al.</i>	
	376	2002/0086847 A1	07-04-2002	Chain	
	377	2002/0168377 A1	11-14-2002	Schaetzl	
	378	2002/0197258 A1	12-26-2003	Ghanbari, <i>et al.</i>	
	379	2002/0132268 A1	09-19-2002	Chang, <i>et al.</i>	
	380	5,750,361	05-12-1998	Prusiner, <i>et al.</i>	
	381	2001/0021769 A1	09-13-2001	Prusiner	

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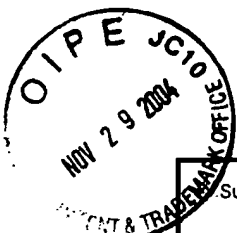
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	371	Johnstone, <i>et al.</i> "Nuclear and Cytoplasmic Localization of the $\beta$ -Amyloid Peptide (1-43) in Transfected 293 Cells." <i>Biochemical and Biophysical Research Communications</i> . 1996; 220:710-18.		
	372	Akiyama, <i>et al.</i> "Occurrence of the Diffuse Amyloid $\beta$ -Protein (A $\beta$ ) Deposits With Numerous A $\beta$ -Containing Glial Cells in the Cerebral Cortex of Patients With Alzheimer's Disease." <i>Glia</i> . 1999; 25:324-31.		
	374	Jakes, <i>et al.</i> "Characterisation of an Antibody Relevant to the Neuropathology of Alzheimer Disease." <i>Alzheimer Disease and Associated Disorders</i> . 1995; 9(1):47-51, Raven Press, Ltd., New York.		
	375	Tsuzuki, <i>et al.</i> "Amyloid $\beta$ protein in rat soleus in choroquine-induced myopathy using end-specific antibodies for A $\beta$ 40 and A $\beta$ 42: immunohistochemical evidence for amyloid $\beta$ protein." <i>Neuroscience Letters</i> . 1995; 2002:77-80.		

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		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				
	383	WO 97/10505 A1	03-20-1997	University of California		

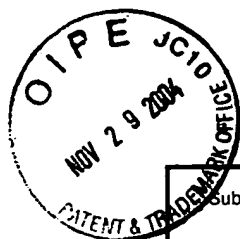
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	391	Aguzzi, <i>et al.</i> "Prion research: the next frontiers." <i>Nature</i> . 1997; 389:795-8.		
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				First Named Inventor	Basi, Guriq
				Art Unit	1647
				Examiner Name	Christopher J. Nichols
Sheet	7	of	21	Attorney Docket Number	ELN-002

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	401	6,284,533 B1	09-04-2001	Thomas	
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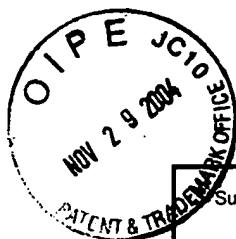
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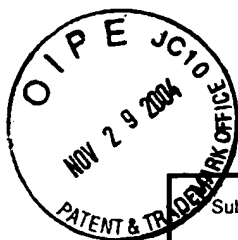
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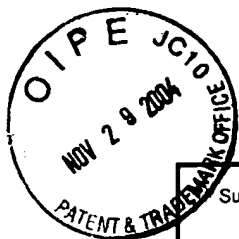
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				Examiner Name	Christopher J. Nichols
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	433	WO 03/020212	03-13-2003	Mayo Foundation for Medical Education and Research		

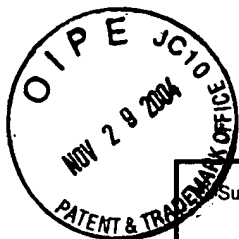
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	440	2003/0068316 A1	04-10-2003	Klein, <i>et al.</i>	
	442	6,713,450 B2	03-30-2004	Frangione, <i>et al.</i>	
	444	2004/0043418 A1	03-04-2004	Holtzman, <i>et al.</i>	
	445	5,854,215	12-29-1998	Findeis, <i>et al.</i>	
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	441	WO 03/104437 A2	12-18-2003	Northwestern University		
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	447	WO 03/051374 A2	06-26-2003	New York State Office of MENTA		

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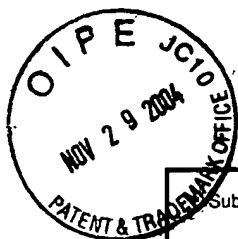
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	436	Dickson, <i>et al.</i> "Neuroimmunology of Alzheimer's disease: a conference report." <i>Neurobiology of Aging</i> . 1992; 13(6):793-8, abstract only.			
	437	Persson, <i>et al.</i> "IgG subclass-associated affinity differences of specific antibodies in humans." <i>J. Immunology</i> . 1988; 140(11):3875-9, abstract only.			
	438	Singh, V.K. "Studies of neuroimmune markers in Alzheimer's disease." <i>Mol. Neurobiology</i> . 1994; 9(1-3):73-81, abstract only.			
	439	Nalbantoglu. "Beta-amyloid protein in Alzheimer's disease." <i>Can. J. Neurol. Sci.</i> 1991; 18(3 suppl.):424-7, abstract only.			
	448	Andrew, <i>et al.</i> <i>Current Protocols in Immunology</i> . 1997; 2.7.1-2.9.8.			

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				Art Unit	1647
				Examiner Name	Christopher J. Nichols
Sheet	13	of	21	Attorney Docket Number	ELN-002

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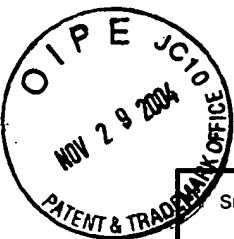
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	463	Ghiso, <i>et al.</i> "Epitope map of two polyclonal antibodies that recognize amyloid lesions in patients with Alzheimer's disease." <i>Biochem J.</i> 1992; 282 (Pt 2):517-22.		
	464	Flood, <i>et al.</i> "An amyloid $\beta$ -Protein fragment, A $\beta$ [12-28J, equipotently impairs post-training memory processing when injected into different limbic system structures." <i>Brain Res.</i> 1994; 663(2):271-6.		
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	466	Schwarzman, <i>et al.</i> "Transthyretin sequesters amyloid $\beta$ protein and prevents amyloid formation." <i>Proc Natl Acad Sci.</i> 1994; 91:8368-72.		
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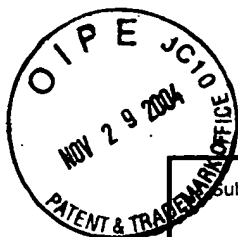
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	471	Hilbich, <i>et al.</i> "Substitutions of hydrophobic amino acid reduce the amyloidogenicity of Alzheimer's disease $\beta$ A4 peptides." <i>J. Mol. Biol.</i> 1992; 228:460-73.	
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	474	Winter, <i>et al.</i> "Humanized antibodies." <i>Immunology Today.</i> 1996; 14(6):243-6.	
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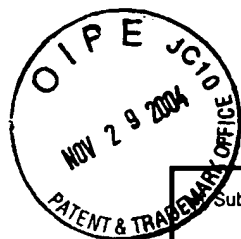
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	479	McLean, <i>et al.</i> "Soluble pool of A $\beta$ amyloid as a determinant of severity of neurodegeneration in Alzheimer's disease." <i>Amer Neurological Assoc.</i> 1999; 46:860-6.	
	480	Wang, <i>et al.</i> "The levels of soluble versus insoluble brain A $\beta$ distinguish Alzheimer's disease from normal and pathologic aging." <i>Experimental Neurology.</i> 1999; 158:328-37.	
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	483	Zlokovic, <i>et al.</i> "Clearance of amyloid $\beta$ -peptide from brain: transport or metabolism?" <i>Nature Medicine.</i> 2000; 6(7):718-19.	
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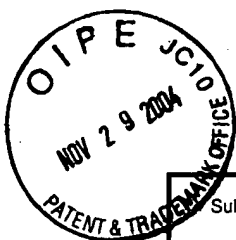
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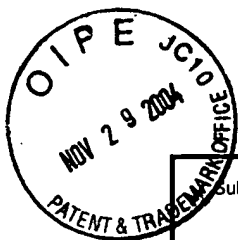
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Sheet	18	of	21	Attorney Docket Number	ELN-002

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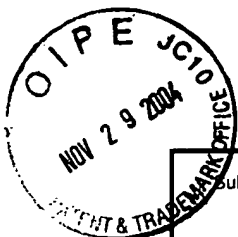
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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)				<b>Complete if Known</b>	
				Application Number	10/010,942
				Filing Date	December 6, 2001
				First Named Inventor	Basi, Guriq
				Art Unit	1647
				Examiner Name	Christopher J. Nichols
Sheet	19	of	21	Attorney Docket Number	ELN-002

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	517	WO 94/05311 A1	03-17-1994	Deakin Research Ltd.		
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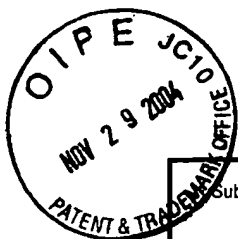
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				Filing Date	December 6, 2001
				First Named Inventor	Basi, Guriq
				Art Unit	1647
				Examiner Name	Christopher J. Nichols
Sheet	20	of	21	Attorney Docket Number	ELN-002

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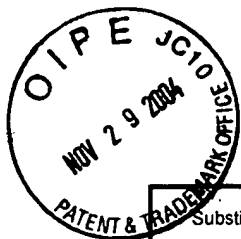
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